



Algal Road-Mapping Request For Information (RFI)

DE-PS36-09GO39010

Date: June 3, 2009

Subject:

Request For Information (RFI) to solicit feedback from the research community and relevant stakeholders on the Department of Energy's Draft "National Algal Biofuels Technology Roadmap" Document.

THIS RFI IS NOT A FUNDING OPPORTUNITY ANNOUNCEMENT (FOA); THEREFORE, DOE IS NOT ACCEPTING APPLICATIONS.

Description:

The U.S. Department of Energy (DOE) is issuing this RFI to solicit feedback on the Draft "National Algal Biofuels Technology Roadmap" Document. This Draft Roadmap was prepared by a working group commissioned by DOE. Feedback will be incorporated into the finalized draft report for public release. The Algal Roadmap will assist in the development of algal biofuels research within the Office of the Biomass Program at DOE. DOE would like to target those members of the community and relevant stakeholders that did not participate in the DOE Algal Biofuels Technology Roadmap Workshop in December; however, this does not preclude individuals who attended the workshop from providing input.

Program Manager / Area: Valri Lightner, Acting Program Manager / Office of the Biomass Program.

Background:

On December 9-10, 2008 DOE conducted an Algal Biofuels Technology Roadmap Workshop at the University of Maryland, Inn and Conference Center. This Workshop was conducted in order to assess the current state of algae technology and to determine the next steps toward commercialization. The results of the workshop provided a basis for the Draft Algal Road-Mapping Document. Chairs and Co-Chairs for each of the nine breakout sessions outlined chapters for the Draft based upon feedback from participants of the workshop. DOE is seeking comments from those members of the community and relevant stakeholders who did not participate in the Workshop; however, this does not preclude individuals who attended the workshop from providing input.

Details on the Workshop can be found at the following web address: <http://www.ora.gov/algae2008pro> . DOE's Office of the Biomass Program has outlined a series of proposed questions and stated assumptions regarding the draft document in the RFI Guidelines below. It is expected that the Algal Roadmap will be augmented and revised with the information received from this RFI.

Purpose:

The purpose of this RFI is to solicit feedback from stakeholders and the research community on the Draft "National Algal Biofuels Technology Roadmap" Document. Responses to the RFI should address one or more of the following questions:

1. What areas omitted by the Roadmap would be important in defining R&D needs as they pertain to the following topics?
 - a. Algae biology
 - b. Algae cultivation
 - c. Algae processing (harvesting and dewatering)
 - d. Extraction
 - e. Fuel conversion
 - f. Fuel end-use
2. Are there any additional, key areas that should be included or any areas that need further elaboration?
3. Are there errors or misrepresentations of any information that need to be addressed?
4. Is there over-representation of certain barrier areas relative to other areas that warrant editing?

RFI Guidelines:

Respondents MUST complete the attached "Algal Road-Mapping: Request For Information (RFI) Response Form" and submit it as an attachment to an e-mail message addressed to algaeRFI@go.doe.gov. All responses to this RFI must be delivered electronically to the aforementioned e-mail address using Microsoft Word (.doc) format. Please do not provide any information which may be considered proprietary or confidential. All responses will be made public to show that DOE is collaborating with industry and academia to finalize the Algal Biofuels Roadmap. All comments will be published in conjunction with the finalized Roadmap. DOE will not reimburse costs associated with preparing any documents for this RFI. Note that the intent of this RFI is to provide an opportunity for stakeholders to submit feedback on the Draft Algal Biofuels Roadmap. Comments must be provided by no later than 11:59 PM EDT on August 3, 2009.

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Attachments:

Draft "National Algal Biofuels Technology Roadmap"

"Algal Road-Mapping: Request For Information (RFI) Response Form"